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Attorney Number: 1423

TO: Examiner Terrell L. McKinnon COMPANY: Commissioner for Patents – Art Unit 3743

FAX:	703-872-9306	PAGES:	39 (including cover)
PHONE:	DATE: October 28, 2004		
RE:	U.S. Application Serial No. 10/053,859	ATTORNEY DOCKET/REF. NO.	S243 1020.1
ACCOUNTING NO. 48276.0004.6			

Urgent For Review Please Comment Please Reply Please Recycle

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In re Application of: Goodson et al.

OFFICIAL

Serial No.: 10/053,859

Filed: January 19, 2002

For: Electroosmotic Microchannel Cooling System

Attached in connection with the above-identified patent application are:

- (1) Amendment Transmittal Letter;
- (2) Amendment; and
- (3) Certificate of Facsimile Transmission

In re PATENT application of: **Goodson et al.**
 Serial No: **10/053,859**
 Filed: **January 19, 2002**
 Title: **Electroosmotic Microchannel Cooling System**

AMENDMENT TRANSMITTAL LETTER

**Mail Stop Non-Fee Amendment
 Commissioner For Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450**

Sir:

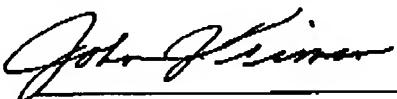
Transmitted herewith is an amendment in the above-identified application.

The fee has been calculated as shown below.

CLAIMS AS AMENDED					
	Claims after Amend.	Highest Prev. Paid For	Extra	Rate SE/LE	Additional Fee
Total Claims	89	- 114	= 0	X \$9/\$18	= 0
Indep. Claims	7	- 10	= 0	X \$43\$88	= 0
					Total Additional Fee for this Amendment = 0

No fee is required.
 The Commissioner is hereby authorized to charge any fees which may be required to our Deposit Account No. 09-0528.

Respectfully submitted,



John J. Timar
 Reg. No. 32,497

10/28/04
 Date

Customer No. 26158
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Docket Number: S243 1020.1

ATLANTA 422025v1

OCT 28 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:) Examiner: Terrell L. McKinnon
Goodson, et al.) Group Art Unit: 3743
Serial No: 10/053,859) Confirmation No.: 5409
Filed: January 19, 2002) Attorney Docket No.: S243 1020.1
For: Electroosmotic Microchannel Cooling System

AMENDMENT

Mail Stop Non-Fee Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In response to the Examiner's Action mailed July 28, 2004, for the above-identified patent application, Applicants submit the following:

Amendments to the Claims are reflected in the listing of claims which begin begins on page 2 of this paper.

Remarks/Arguments begin on page 26 of this paper.

ATLANTA 416592v1

PAGE 3/39 * RCVD AT 10/28/2004 3:26:10 PM (Eastern Daylight Time) * SVR:USPTO-EFXRF-1/2 * DNI:8729306 * CSID: * DURATION (mm:ss):12-22

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Goodson et al.
Serial No.: 10/053,859
Filed: January 19, 2002
For: Electroosmotic Microchannel Cooling System

CERTIFICATE OF FACSIMILE TRANSMISSION

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

I hereby certify that the following papers are being facsimile transmitted to the U.S. Patent and Trademark Office on the date shown below.

Amendment Transmittal
Amendment

10/28/04
Date

Cheryl West
(Printed Name of Person Faxing Corresp.)

Cheryl West
(Signature of Person Faxing Corresp.)

ATLANTA 422026v1

PAGE 39/39 *RCVD AT 10/28/2004 3:26:10 PM [Eastern Daylight Time] *SVR:USPTO-EFXRF-1/2 *DNIS:8729306 *CSID: *DURATION (mm:ss):12:22